

Analyte	Units	Soil Background (DSE-1) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-24-515	DSE-05-24-515	DSE-06-24-515	DSE-07-24-515	DSE-08-24-515	DSE-10-24-515	DSE-11-24-515	DSE-13-24-515	DSE-14-24-515	DSE-16-24-515	DSE-20-24-515	DSE-21-24-515
							08/06/2012 Field Sample	08/08/2012 Field Sample	08/07/2012 Field Sample	08/07/2012 Field Sample	08/06/2012 Field Sample	08/06/2012 Field Sample	08/09/2012 Field Sample	08/07/2012 Field Sample	08/09/2012 Field Sample	08/07/2012 Field Sample	08/08/2012 Field Sample	08/09/2012 Field Sample
Metals																		
Aluminum	mg/kg	33000	990000		3000000	--	15800	5960	12600	15900	13400	4130	8340	18300	11600	14300	18100	11000
Antimony	mg/kg	2.1	410	81.76	1200	--	2.3 U-	11.6 J-	3.3 U-	2.9 U-	2.6 U-	18 J-	2.3 U-	3.3 U-	0.69 U-	7 J-	1.7 U-	0.7 U-
Arsenic	mg/kg	16.8	1.6	11.5	160	--	27.6	23.6	16.4 J	54.7	19.3 J	62.5	17.5	27.7	6.4	36.1 J	10.3 J	5.6
Barium	mg/kg	3420	190000	14308	570000	--	4360	8740	10100 J	4520	8980 J	3570	5700 J-	10300	720 J-	13700 J	3830 J	1140 J-
Beryllium	mg/kg	3.9	2000	408.8	6000	--	1	0.6	0.68	0.89	0.8	0.46 U	0.99	1.1	1.1	0.75	1.6	1.3
Cadmium	mg/kg	0.93	800	100.8685353	2400	--	0.59	5.1 J	1.6	0.3 U	0.68	18.3	0.59	0.81	0.11 U	1	0.43 U	0.31 U
Calcium	mg/kg	24900				--	9080	25400	21600 J	7090	5660 J	10600	6810	10200	13000	7180 J	5060 J	8300
Chromium	mg/kg	48.9				--	20.9	584	35	20.8	29.7	52.6	20.4	35.8	17.1	29.4	21.7	16.3
Cobalt	mg/kg	22.5	300	12264	910	--	13.8	4 U	8.9	11.8	15.9	7	10.6	13.2	13.7	11.1	14.7	7.5
Copper	mg/kg	90	41000	8176	120000	--	25.9	81.9	15.9	25.9	32.6	109	24.8 J	30.6	23.3 J	46.1	23.2	30 J
Iron	mg/kg	49200	720000		2100000	--	26000	19200	22600 J	20500	21000 J	32200	52200	25700	20000	19600 J	27200 J	16400
Lead	mg/kg	106.8	800	1400	800	--	74.5 J	761	258	83 J	162	2170 J	85	96 J	30.4	189	54.3	35.6
Magnesium	mg/kg	12570				--	5240	3210	4490 J	5600	4320 J	2150	3400	5910	6540	5550 J	6030 J	4190
Manganese	mg/kg	405	23000			--	367	569	446 J	309	341 J	671	1910 J	531	578 J	295 J	367 J	135 J
Mercury	mg/kg	0.258	43		130	--	0.068 U	2	0.19	0.32	0.12 U	1.8	0.08 U	0.18	0.058 U	0.23	0.13	0.086 U
Nickel	mg/kg	94.5	20000	4088	59000	--	31.1	20.8 J	28.7	31.5	30.7	18.7	30.3	36.4	30.5	33.4	38	31.5
Potassium	mg/kg	4110				--	2330	1300	2000	2530	1980	641	1260	2740	1900	2250	2700	1370
Selenium	mg/kg	7.5	5100	1022	15000	--	1.9 U	2.1 U	1.4 U	1.5 U	1.7 U	4	1.8 U	2.7 U	1.6 U	2.1 U	2.5 U	
Silver	mg/kg	3.3	5100	1022	15000	--	0.34 U	3.5	0.93	0.26 U	0.68 U	8.9	0.26 U	0.47 U	1.1 U	0.74 U	0.18 U	1.1 U
Sodium	mg/kg	2118				--	917	472 U	951	996	690	332 U	545	580	277 U	600	437 U	706
Thallium	mg/kg	8.4	10	14.308	31	--	2.5 U	0.35 U	2.3 U	2.3 U	2.3 U	1.4 U	2.6 U	2.8 U	2.5 U	2.5 U	2.8 U	
Vanadium	mg/kg	88.8		1430.8		--	37.9	17	29	37.2	30.5	17.9	25.2	42	29.9	32	41.4	29.6
Zinc	mg/kg	243.6	310000	61320	920000	--	137 J	875	405 J	99.4	166 J	2810 J	214 J-	174 J	74 J-	226 J	113 J	81.2 J-
Organic																		
1,4-Dioxane	mg/kg	0.48	17		1700	--	0.12 U	10 U	0.11 U	0.12 UR	0.11 U	0.11 U	0.16 U	0.13 U	0.13 U	0.13 R	0.14 U	0.16 U
2-Butanone	mg/kg	0.0201	200000	4351.295519	590000	--	0.012 U	1 U	0.011 U	0.012 U	0.011 U	0.021	0.016 U	0.035	0.013 U	0.013 U	0.014 U	0.0067 U
2-Methylnaphthalene	mg/kg	0.81	2200	165.2673834	6600	--	0.23 U	6.2	0.21 U	0.24 U	0.22 U	0.89 U	0.25 U	0.24 U	0.25 U	0.25 U	0.25 U	0.27 U
4,4'-DDE	mg/kg	0.0153	5.1	11.41998133	510	--	0.0026 U	0.0047 U	0.0041 U	0.0046 U	0.0042 U	0.004 U	0.0049 U	0.0047 U	0.0047 U	0.0048 U	0.0048 U	0.0051 U
4,4'-DDT	mg/kg	0.0153	7	11.86672004	700	--	0.0045 U	0.0047 U	0.004 U	0.0046 U	0.0042 U	0.004 U	0.0049 U	0.0047 U	0.0047 U	0.0036 U	0.0048 U	0.0051 U
Acenaphthene	mg/kg	0.81	33000	6124.439919	99000	--	0.23 U	1.2 U	0.21 U	0.24 U	0.22 U	2.5	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Acenaphthylene	mg/kg	0.81		5140.530475		--	0.23 U	1.2 U	0.088 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.25 U	0.25 U	0.27 U	
Acetone	mg/kg	0.048	630000	1394.143988	1900000	--	0.012 U	1 U	0.011 U	0.012 U	0.0099 U	0.1	0.016 U	0.014	0.013 U	0.014 U	0.016 U	
Acetophenone	mg/kg	0.81	100000		310000	--	0.16 U	1 U	0.091 U	0.12 U	0.22 U	1 U	0.25 U	0.24 U	0.12 U	0.25 U	0.25 U	0.27 U
Aldrin	mg/kg	0.0078	0.1	0.133892627	10	--	0.0023 U	0.0024 U	0.0021 U	0.0024 U	0.0022 U	0.0021	0.0025 U	0.0024 U	0.0024 U	0.0025 U	0.0025 U	0.0026 U
Anthracene	mg/kg	0.81	170000	47808.42095	500000	--	0.23 U	0.87 U	0.15 U	0.24 U	0.22 U	0.35 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Aroclor-1254	mg/kg	0.156	0.74		32	--	0.045 U	0.046 U	0.041 U	0.04 U	0.042 U	0.04 U	0.048 U	0.047 U	0.047 U	0.048 U	0.048 U	0.052 U
Aroclor-1260	mg/kg	0.156	0.74		74	--	0.045 U	0.046 U	0.059	0.045 U	0.042 U	0.04 U	0.048 U	0.047 U	0.047 U	0.048 U	0.048 U	0.052 U
Benzo(a)anthracene	mg/kg	0.81	2.1	2.868199367	210	--	0.23 U	1.2 U	0.19 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Benzo(a)pyrene	mg/kg	0.81	0.21	0.33	210	--	0.23 U	1.2 U	0.26	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Benzo(b)fluoranthene	mg/kg	0.81	2.1	2.868329304	210	--	0.23 U	1.2 U	0.26	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Benzo(g,h)perylene	mg/kg	0.81	21	28.79427687	2100	--	0.23 U	1.2 U	0.2	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Benzo(k)fluoranthene	mg/kg	0.81	21	28.79427687	2100	--	0.23 U	1.2 U	0.2	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
beta-BHC	mg/kg	0.0078	0.96	1.622748383	96	--	0.0023 U	0.0024 U	0.0013 U	0.0024 U	0.0022 U	0.0021 U	0.0025 U	0.0024 U	0.0024 U	0.0025 U	0.0025 U	0.0026 U
Bis(2-ethylhexyl)phthalate	mg/kg	0.81	120	173.0325248	12000	--	0.23 U	1.2 U	0.21 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Butylbenzylphthalate	mg/kg	0.81	910	222.2735416	91000	--	0.23 U	1.2 U	0.21 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.056 U	0.25 U	0.25 U	0.27 U
Carbazole	mg/kg	0.81				--	0.23 U	1.2 U	0.051 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Chrysene	mg/kg	0.81	210	285.5245365	21000	--	0.23 U	1.2 U	0.23	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Dibenzof(a,h)anthracene	mg/kg	0.81	0.21	0.33	21	--	0.23 U	1.2 U	0.069 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Di-n-butylphthalate	mg/kg	0.216	62000		180000	--	0.33	1.2 U	0.21 U	0.11 U	0.06 U	1 U	0.06 U	0.24 U	0.055 U	0.075 U	0.066 U	0.072 U
Ethylbenzene	mg/kg	0.0243	27	232.5016836	2700	--	0.006 U	0.4 U	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	0.0081 U
Fluoranthene	mg/kg	0.81	22000	2885.39429	66000	--	0.069 U	1.2 U	0.37	0.062 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Fluorene	mg/kg	0.81	22000	5407.219769	66000	--	0.23 U	1.5	0.21 U	0.24 U	0.22 U	1.6	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.81	2.1	2.882233474	210	--	0.23 U	1.2 U	0.25	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
Isopropylbenzene	mg/kg	0.0243	11000		32000	--	0.006 U	0.5 U	0.0056 U	0.0062 U	0.0057 U	0.0072	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	0.0081 U
m-p-Xylene	mg/kg	0.0243				--	0.006 U	1.6	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	0.0081 U
Methylcyclohexane	mg/kg	0.0243				--	0.006 U	0.54	0.0056 U	0.0062 U	0.0057 U	0.0091 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	0.0081 U
Methylene chloride	mg/kg	0.0243	960	44.33290307	9200	--	0.006 U	0.5 U	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0078 U	0.0067 U	0.0067 U	0.007 U	0.0081 U
Naphthalene	mg/kg	0.81	18	42.59771533	1800	--	0.23 U	2	0.21 U	0.24 U	0.22 U	1 U	0.25 U	0.24 U	0.24 U	0.25 U	0.25 U	0.27 U
o-Xylene	mg/kg	0.0243	3000		9000	--	0.006 U	1	0.0056 U	0.0062 U	0.0057 U	0.0057 U	0.0079 U	0.0067 U	0.0067 U	0.0066 U	0.007 U	0.0081 U
Phenanthrene	mg/kg	0.81		42533.41269		--	0.05 U	0.31 U	0.28	0.24 U	0.22 U	3.5						

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Soil	EPA RMLs Industrial Soil	Sample ID Date Sample Type	DSE-04-48-515	DSE-05-24-525	DSE-05-48-515	DSE-06-48-515	DSE-07-48-515	DSE-08-48-515	DSE-10-48-515	DSE-13-48-515	DSE-14-48-515	DSE-14-48-525	DSE-16-48-515	DSE-20-48-515	DSE-21-48-515
							08/06/2012 Field Sample	08/08/2012 Field Duplicate	08/08/2012 Field Sample	08/07/2012 Field Sample	08/06/2012 Field Sample	08/07/2012 Field Sample	08/06/2012 Field Sample	08/07/2012 Field Sample	08/09/2012 Field Sample	08/09/2012 Field Duplicate	08/07/2012 Field Sample	08/08/2012 Field Sample	08/09/2012 Field Sample
Metals																			
Aluminum	mg/kg	28440	990000		3000000	--	18900	5090	4850	7920	14000	18100	9290	15500	7990	7840	15500	13500	9480
Antimony	mg/kg	1.62	410	81.76	1200	--	2.1 LJ	12.8 J	12.4 J	4.2 LJ	1.3 LJ	2.3 LJ	9 J	7.1 J	1.4 LJ	1.1 LJ	6.6 LJ	8.1 LJ	0.54 LJ
Arsenic	mg/kg	15	1.6	11.5	160	--	26.4	37.4	35.6	20.9 J	11	9.6 J	45.1	63.9	8.5	10.2	27.6 J	8.1	5
Barium	mg/kg	801	190000	14308	570000	--	3300	7410	7140	8660 J	1950	11600 J	7070	12400	6260 J	3390 J	9530 J	3500	267 J
Beryllium	mg/kg	3.3	2000	408.8	6000	--	1.3	0.49 LJ	0.47 LJ	0.54	0.89	0.94	0.62 J	1	0.79	0.78	1.1	1.1	1.1
Cadmium	mg/kg	1.05	800	100.8685353	2400	--	0.15 LJ	8.5 J	8.4 J	1.6	0.22 LJ	0.16 LJ	2.4	0.83	0.74	0.48 LJ	0.73	0.58 U	0.35 LJ
Calcium	mg/kg	23310				--	9290	22300	21100	88800	9900	6400 J	6880	7560	4330	4490	7610 J	5450	7770
Chromium	mg/kg	41.1				--	20.8	327	320	39.9	16.4	50.8	23.6	36	22.6	15.4	23.6	20.1	13.7
Cobalt	mg/kg	28.8	300	12264	910	--	11.3	4.9 LJ	4.9 U	7.6	9.8	7.8	9.9	13.5	5.1 U	6.7	12.4	8.1	9.8
Copper	mg/kg	78	41000	8176	120000	--	24	97.6	95.6	76.8	20.9	31.6	41.7	41.7	33.3	24.2 J	36	23.9	26 J
Iron	mg/kg	39000	720000		21000000	--	24600	20200	19900	18400 J	18100	25200 J	19300	24300	13900	17300	23400 J	17100	13000
Lead	mg/kg	78.3	800	1400	800	--	42.3 J	1030	989	231	31.5 J	86.1	451 J	184 J	124	58.8	162	34.5	26.1
Magnesium	mg/kg	141000				--	6510	3500	3350	3030 J	6020	4570 J	4130	5750	4250	4040	5790 J	4880	4700
Manganese	mg/kg	519	23000			--	296	866	851	840 J	330	125 J	365	473	142 J	257 J	343 J	193	173 J
Mercury	mg/kg	0.186	43		130	--	0.054 LJ	0.12 U	1.8	0.29	0.12 LJ	0.13 LJ	0.49	0.25	0.24	0.078 LJ	0.19	0.054 LJ	0.062 LJ
Nickel	mg/kg	92.4	20000	4088	59000	--	29.9	20.4 J	19.6 J	22.3	27.1	25.9	23.8	32.7	32	29.2	32.9	31.8 J	30.8
Potassium	mg/kg	4680				--	3490	1150	1070	1440	2470	2680	1530	2400	1370	1340	2510	2020	1560
Selenium	mg/kg	6.9	5100	1022	15000	--	2.1 LJ	2.4 LJ	2.4 LJ	0.66 LJ	1.3 LJ	2 U	1.2 LJ	1.7 LJ	2.2 LJ	2.6 LJ	1.6 LJ	2.8 LJ	2.3 LJ
Silver	mg/kg	2.52	5100	1022	15000	--	0.27 LJ	5.9	5.7	0.82 LJ	0.21 LJ	0.34 LJ	1.2	0.8 LJ	0.48 LJ	1 U	0.51 LJ	1.2 U	0.84 U
Sodium	mg/kg	2766				--	1130	2550	2420	15000	996	1110	696	579	413 LJ	437 U	730	586	922
Thallium	mg/kg	6.3	10	14.308	31	--	3.3 U	1.1 LJ	1.1 U	2.3 U	3.5 U	2.8 U	2.5 U	2.5 U	2.6 U	2.6 U	3 U	2.9 U	2.1 U
Vanadium	mg/kg	84.6		1430.8		--	42.2	16.3	15.4	18.9	31.5	41.9	23.2	22.4	22.7	35.3	33.4	28.2	
Zinc	mg/kg	226.5	310000	61320	920000	--	88.1 J	1300	1290	421 J	85.6 J	91.9 J	402 J	196 J	147 J	99.3 J	158 J	78.2	75.5 J
Organic																			
1,1'-Biphenyl	mg/kg	0.99	210	231.7845284	640	--	0.27 U	20 J	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
2-Butanone	mg/kg	0.0288	200000	4351.295519	590000	--	0.015 U	0.91 U	0.012 U	0.029	0.18	0.0048 LJ	0.021 U	0.012 U	0.012 U	0.011 U	0.017 U	0.021 U	0.096 LJ
2-Methylnaphthalene	mg/kg	0.99	2200	165.2673834	6600	--	0.27 U	400 J	290 J	24	0.28 U	0.27 U	0.72	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
4,4'-DDT	mg/kg	0.0192	7	11.86672004	700	--	0.0052 U	0.0047 UR	0.0047 UR	0.0038 LJ	0.0054 U	0.0052 U	0.0046 U	0.0049 U	0.0048 U	0.0042 U	0.0054 U	0.0061 U	0.0064 U
Acenaphthylene	mg/kg	0.99		5140.530475		--	0.27 U	6.6 J	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Acetone	mg/kg	0.057	630000	1394.143988	1900000	--	0.015 U	0.91 U	0.91 U	0.084	0.16	0.7	0.022	0.064	0.012 U	0.011 U	0.07	0.021 U	0.019 U
Acetophenone	mg/kg	0.99	100000		310000	--	0.25 LJ	5.9 U	5.6 U	1.8 U	0.11 LJ	0.27 U	0.24 U	0.06 LJ	0.25 U	0.22 U	0.071 LJ	0.19 U	0.33 U
Anthracene	mg/kg	0.99	170000	47808.42095	500000	--	0.27 U	72 J	32 JN	27	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Aroclor-1260	mg/kg	0.192	0.74	74		--	0.053 U	0.047 U	0.048 U	0.067	0.054 U	0.051 U	0.046 U	0.05 U	0.048 U	0.042 U	0.055 U	0.061 U	0.064 U
Benzene	mg/kg	0.0279	5.4	3.083911025	540	--	0.0073 U	0.45 U	1.8 LJ	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.01 U	0.0062 U	0.0054 U	0.0083 U	0.01 U	0.0093 U
Benzo(a)anthracene	mg/kg	0.99	2.1	2.868199367	210	--	0.27 U	5.9 U	5.6 U	2.8 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Benzo(a)pyrene	mg/kg	0.99	0.21	0.33	21	--	0.27 U	5.9 U	5.6 U	1.9 LJ	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Benzo(b)fluoranthene	mg/kg	0.99	2.1	2.868329304	210	--	0.27 U	5.9 U	5.6 U	2 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Benzo(g,h)perylene	mg/kg	0.99				--	0.27 U	5.9 U	5.6 U	1.2 LJ	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Benzo(k)fluoranthene	mg/kg	0.99	21	28.79427687	2100	--	0.27 U	5.9 U	5.6 U	1.6 LJ	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
beta-BHC	mg/kg	0.0099	0.96	1.622748383	96	--	0.0027 U	0.0024 UR	0.0024 UR	0.0063 J	0.0028 U	0.0027 U	0.0024 U	0.0025 U	0.0025 U	0.0022 U	0.0028 U	0.0032 U	0.0033 U
Bis(2-ethylhexyl)phthalate	mg/kg	0.99	120	173.0325248	12000	--	0.27 U	5.9 U	5.6 U	1.4 LJ	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Caprolactam	mg/kg	0.99	310000		920000	--	0.27 U	5.9 U	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Chrysene	mg/kg	0.99	210	285.5245365	21000	--	0.27 U	5.9 U	5.6 U	4 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Cyclohexane	mg/kg	0.0279	29000		88000	--	0.0073 U	0.37 LJ	2 U	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.01 U	0.0062 U	0.0054 U	0.0083 U	0.01 U	0.0093 U
Dibenzofuran	mg/kg	0.99	1000	151.6010855	3100	--	0.27 U	18 J	5.6 U	5.8 U	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Di-n-butylphthalate	mg/kg	0.99	62000		180000	--	0.059 LJ	5.9 U	5.6 U	0.069 LJ	0.081 LJ	0.24 U	0.062 LJ	0.065 LJ	0.22 U	0.22 U	0.079 LJ	0.063 LJ	0.33 U
Ethylbenzene	mg/kg	0.0279	27	232.5016836	2700	--	0.0073 U	1.8	12	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.01 U	0.0062 U	0.0054 U	0.0083 U	0.01 U	0.0093 U
Fluoranthene	mg/kg	0.99	22000	2885.39429	66000	--	0.27 U	5.9 U	5.6 U	9	0.081 LJ	0.27 U	0.057 LJ	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Fluorene	mg/kg	0.99	22000	5407.219769	66000	--	0.27 U	45 J	34 J	4.3 LJ	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
gamma-Chlordane	mg/kg	0.0099				--	0.0027 U	0.0018 LJN	0.0034 JN	0.002 LJ	0.0028 U	0.0027 U	0.0024 U	0.0025 U	0.0025 U	0.0022 U	0.0028 U	0.0032 U	0.0033 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.99	2.1	2.882233474	210	--	0.27 U	5.9 U	5.6 U	1.2 LJ	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
Isopropylbenzene	mg/kg	0.0279	11000		32000	--	0.0073 U	0.8	4.8	0.025	0.0073 U	0.0096 U	0.0062 U	0.01 U	0.0062 U	0.0054 U	0.0083 U	0.01 U	0.0093 U
m-p-Xylene	mg/kg	0.0279				--	0.0073 U	9.7	64	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.01 U	0.0062 U	0.0054 U	0.0083 U	0.01 U	0.0093 U
Methylcyclohexane	mg/kg	0.0279				--	0.0073 U	2.1 Jv	10	0.018 J*	0.0073 U	0.0096 U	0.0062 U	0.01 U	0.0062 U	0.0054 U	0.0083 U	0.01 U	0.0093 U
Methylene chloride	mg/kg	0.0279	960	44.33290307	9200	--	0.0073 U	0.45 U	3.5 U	0.0061 U	0.0073 U	0.0096 U	0.0062 U	0.0068 LJ	0.0062 U	0.0054 U	0.0038 LJ	0.01 U	0.0093 U
Naphthalene	mg/kg	0.99	18	42.59715533	1800	--	0.27 U	130 J	100 J	74	0.28 U	0.27 U	0.24 U	0.26 U	0.25 U	0.22 U	0.28 U	0.31 U	0.33 U
n-Xylene	mg/kg	0.0279	3000		9000	--	0.0073 U	3.9	27	0.0025 LJ	0.0								

Analyte	Units	Soil Background (DSE-21) - 3x	EPA RSLs Industrial Soil	LA RECAP Industrial Soil	EPA RMLs Industrial Soil	Sample ID	DSE-04-72-515	DSE-05-72-515	DSE-06-72-515	DSE-07-72-515	DSE-08-72-515	DSE-10-72-515	DSE-13-72-515	DSE-14-72-515	DSE-16-72-515	DSE-20-72-515	DSE-21-72-515
						Date	08/06/2012	08/06/2012	08/07/2012	08/06/2012	08/07/2012	08/06/2012	08/07/2012	08/09/2012	08/07/2012	08/08/2012	08/09/2012
						Sample Type	Field Sample										
Metals																	
Aluminum	mg/kg	26130	990000		3000000	--	19200	6410	12200	22900	17200	7760	22900	8830	20900	20300	8710
Antimony	mg/kg	2.25	410	81.76	1200	--	1.9 LJ	11.4 J	4.1 LJ	2.4 LJ	2.7 LJ	11.9 J	2.5 LJ	0.88 LJ	1.6 LJ	2.1J	0.75 LJ
Arsenic	mg/kg	17.1	1.6	11.5	160	--	12.4	30.9	20.1 J	11.1	14.8 J	46.9	8.1 J	7.1	9.5 J	16.9 J	5.7
Barium	mg/kg	1584	190000	14308	570000	--	2970	7000	11000 J	301	7030 J	7020	426 J	2790 J	2520 J	2190 J	528 J
Beryllium	mg/kg	3	2000	408.8	6000	--	1.3	0.58	0.83	1.4	1	0.62 J	1.1	0.74	1.3	1.4	1
Cadmium	mg/kg	0.63	800	100.8685353	2400	--	0.31 LJ	6.8 J	1.9	0.11 LJ	0.55 LJ	4.5	1	0.45 LJ	0.22 LJ	0.89	0.21 LJ
Calcium	mg/kg	22380				--	14700	19600	13900 J	10800	7770 J	7390	13000 J	4720	9480 J	10500 J	7460
Chromium	mg/kg	37.5				--	22.8	393	65.3	22.8	28.8	24.3	22.3	17.9	21.5	22.6	12.5
Cobalt	mg/kg	24.6	300	12264	910	--	12.6	5.6 J	10.9	20.9	10.4	8.9	22.4	8.3	11.7	22.2	8.2
Copper	mg/kg	77.1	41000	8176	120000	--	26	79.6	115	23.3	33.2	54.7	16	22 J	27.5	32	25.7 J
Iron	mg/kg	63600	720000		2100000	--	23100	21500	25200 J	65700	27800 J	21200	80800 J	17000	25100 J	39400 J	21200
Lead	mg/kg	91.2	800	1400	800	--	52.6 J	931	280	32.4 J	88.9	741 J	41.7	50.3	40.5	46.7	30.4
Magnesium	mg/kg	11760				--	6160	3630	4270 J	7520	5260 J	3590	7090 J	4160	7300 J	6760 J	3920
Manganese	mg/kg	2523	23000			--	343	703	521 J	4530	282 J	479	2430 J	387 J	377 J	322 J	841 J
Mercury	mg/kg	0.096	43		130	--	0.061 LJ	1.6	0.38	0.04 LJ	0.1 LJ	1.4	0.038 LJ	0.16	0.068 LJ	0.024 LJ	0.032 LJ
Nickel	mg/kg	67.2	20000	4088	59000	--	30	22.4 J	31.5	39	33.8	21.3	37.7	25.9	31.2	63.8	22.4
Potassium	mg/kg	3630				--	2530	1360	2000	3130	1260	3140	1490	3340	3310	1210	
Selenium	mg/kg	8.1	5100	1022	15000	--	2 LJ	2.6 LJ	2 LJ	3.4 LJ	2.2 LJ	1.6 LJ	3.3 LJ	2.4 LJ	2.6 LJ	2.4 LJ	2.7 LJ
Silver	mg/kg	2.58	5100	1022	15000	--	0.19 LJ	4.9	1 LJ	1 LJ	0.39 LJ	2.8	0.79 LJ	0.15 LJ	0.22 LJ	0.2 LJ	0.86 U
Sodium	mg/kg	3060				--	1300	2280	1570	1330	1490	581	1400	708	1450	851	1020
Thallium	mg/kg	6.6	10	14.308	31	--	2.7 U	0.52 LJ	2.7 U	1.6 LJ	3.4 U	2.5 U	0.57 LJ	2.7 U	3.4 U	2 U	2.2 U
Vanadium	mg/kg	81		1430.8		--	41.8	18.1	29.6	53.9	40.9	21	48.8	23.9	46.2	48.6	27
Zinc	mg/kg	199.5	310000	61320	920000	--	109 J	1070	511 J	104 J	200 J	684 J	95.5 J	107 J	134 J	118 J	66.5 J
Organic																	
1,1'-Biphenyl	mg/kg	1.17	210	231.7845284	640	--	0.27 U	11 J	0.55 Jv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 Ujv	0.39 U
2-Butanone	mg/kg	0.108	200000	4351.295519	590000	--	0.026	3.8 U	0.024 U	0.025	0.029	0.019	0.015 U	0.012 U	0.022 U	0.039	0.036
2-Methylnaphthalene	mg/kg	1.17	2200	165.2673834	6600	--	0.27 U	200 J	41	0.27 U	0.062 LJ	3.1	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Acenaphthene	mg/kg	1.17	33000	6124.439919	99000	--	0.27 U	5.4 UJ	0.97	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Acetone	mg/kg	0.36	630000	1394.143988	1900000	--	0.11	3.8 U	0.12	0.19	0.096	0.026	0.031	0.012 U	0.035	0.032 U	0.12
Acetophenone	mg/kg	1.17	100000		310000	--	0.11 LJ	5.4 UJ	0.79	0.27 U	0.29 U	0.23 U	0.17 LJ	0.24 U	0.19 LJ	0.4 U	0.39 U
alpha-Chlordane	mg/kg	0.0117				--	0.0025 U	0.0025 U	0.0034 U	0.0027 U	0.0029 U	0.0023 U	0.0014 LJ	0.0024 U	0.0016 LJ	0.004 U	0.0039 U
Anthracene	mg/kg	1.17	170000	47808.42095	500000	--	0.27 U	2.2 LJ	1.5	0.27 U	0.25 LJ	0.2 LJ	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Aroclor-1254	mg/kg	0.231	0.74		32	--	0.051 U	0.049 U	0.067 U	0.052 U	0.054 U	0.035 LJ	0.054 U	0.047 U	0.061 U	0.078 U	0.077 U
Aroclor-1260	mg/kg	0.231	0.74		74	--	0.051 U	0.049 U	0.075 J	0.052 U	0.054 U	0.045 U	0.054 U	0.047 U	0.061 U	0.078 U	0.077 U
Benzene	mg/kg	0.042	5.4	3.083911025	540	--	0.0064 U	1.1 LJ	0.012 U	0.0068 U	0.0098 U	0.0063 U	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Benzo(a)anthracene	mg/kg	1.17	2.1	2.868199367	210	--	0.27 U	5.4 UJ	0.34 LJ	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Benzo(a)pyrene	mg/kg	1.17	0.21	0.33	21	--	0.27 U	5.4 UJ	0.33 Ljv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Benzo(b)fluoranthene	mg/kg	1.17	2.1	2.868329304	210	--	0.27 U	5.4 UJ	0.39 Jv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Benzo(g,h)perylene	mg/kg	1.17				--	0.27 U	5.4 UJ	0.46 Jv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Benzo(k)fluoranthene	mg/kg	1.17	21	28.79427687	2100	--	0.27 U	5.4 UJ	0.3 Ljv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Bis(2-ethylhexyl)phthalate	mg/kg	1.17	120	173.0325248	12000	--	0.27 U	5.4 UJ	0.19 Ljv	0.27 U	0.14 LJ	0.23 U	0.28 U	0.24 U	0.099 LJ	0.12 Ljv	0.39 U
Carbazole	mg/kg	1.17				--	0.27 U	5.4 UJ	0.84	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 Ujv	0.39 U
Carbon disulfide	mg/kg	0.042	3700	250.6974251	11000	--	0.0064 U	1.9 U	0.012 U	0.0068 U	0.0098 U	0.0063 U	0.0076 U	0.0062 U	0.011 U	0.012 LJ	0.014 U
Chrysene	mg/kg	1.17	210	285.5245365	21000	--	0.27 U	5.4 UJ	0.61	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Cyclohexane	mg/kg	0.042	29000		88000	--	0.0064 U	1.1 LJ	0.012 U	0.0068 U	0.0098 U	0.0027 LJ	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Dibenzo(a,h)anthracene	mg/kg	1.17	0.21	0.33	21	--	0.27 U	5.4 UJ	0.11 Ljv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Dibenzofuran	mg/kg	1.17	1000	151.6010855	3100	--	0.27 U	9.4 J	0.6	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 Ujv	0.39 U
Di-n-butylphthalate	mg/kg	1.17	62000		180000	--	0.27 U	5.4 UJ	0.35 UR	0.27 U	0.29 U	0.23 U	0.074 LJ	0.048 LJ	0.1 LJ	0.095 Ljv	0.39 U
Endosulfan sulfate	mg/kg	0.0231				--	0.0051 U	0.0049 U	0.0067 U	0.0052 U	0.0055 U	0.0045 U	0.0053 U	0.0047 U	0.0049 LJ	0.0077 U	0.0077 U
Ethylbenzene	mg/kg	0.042	27	232.5016836	2700	--	0.0064 U	1.9 U	0.0049 LJ	0.0068 U	0.0098 U	0.0063 U	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Fluoranthene	mg/kg	1.17	22000	2885.39429	66000	--	0.27 U	5.4 UJ	0.62	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Fluorene	mg/kg	1.17	22000	5407.219769	66000	--	0.27 U	22 J	1.3	0.27 U	0.11 LJ	0.23 U	0.28 U	0.24 U	0.32 U	0.4 Ujv	0.39 U
Indeno(1,2,3-cd)pyrene	mg/kg	1.17	2.1	2.882233474	210	--	0.27 U	5.4 UJ	0.26 Ljv	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Isopropylbenzene	mg/kg	0.042	11000		32000	--	0.0064 U	2.8	0.0081 LJ	0.0068 U	0.0098 U	0.0059 LJ	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
m,p-Xylene	mg/kg	0.042				--	0.0064 U	38	0.0063 LJ	0.0068 U	0.0098 U	0.0063 U	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Methyl acetate	mg/kg	0.042	1000000		3100000	--	0.0064 U	2	0.012 U	0.0068 U	0.0098 U	0.0063 U	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Methylcyclohexane	mg/kg	0.042				--	0.0064 U	6.2	0.0062 LJ	0.0068 U	0.0098 U	0.016 J	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Naphthalene	mg/kg	1.17	18	42.59771533	1800	--	0.27 U	76 J	11	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
o-Xylene	mg/kg	0.042	3000		9000	--	0.0064 U	17	0.0098 LJ	0.0068 U	0.0098 U	0.0063 U	0.0076 U	0.0062 U	0.011 U	0.016 U	0.014 U
Phenanthrene	mg/kg	1.17		42533.41269		--	0.27 U	24 J	3.9	0.27 U	0.25 LJ	2	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Phenol	mg/kg	1.17	180000	14532.1499	550000	--	0.27 U	5.4 UJ	0.35 U	0.27 U	0.29 U	0.23 U	0.084 LJ	0.24 U	0.09 LJ	0.4 U	0.39 U
Pyrene	mg/kg	1.17	17000	5606.69618	50000	--	0.27 U	2.5 LJ	0.96	0.27 U	0.29 U	0.23 U	0.28 U	0.24 U	0.32 U	0.4 U	0.39 U
Toluene	mg/kg	0.042	45000	466.2808173	140000	--											

- Concentration above EPA RMLs, RSLs, and 3x background
- Concentration above EPA RMLs, RSLs, RECAP, and 3x background

